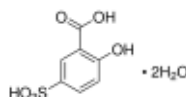


## Certificate of Analysis

Product Name:

5-Sulfosalicylic acid dihydrate - purum p.a., ≥98.0% (T)

**Product Number:** 86195  
**Batch Number:** BCCK3609  
**Brand:** SIAL  
**CAS Number:** 5965-83-3  
**Formula:** C<sub>7</sub>H<sub>6</sub>O<sub>6</sub>S · 2H<sub>2</sub>O  
**Formula Weight:** 254,21 g/mol  
**Quality Release Date:** 28 APR 2023  
**Recommended Retest Date:** MAR 2027



Test	Specification	Result
Appearance (Color)	White, Almost White to Colorless	White
Appearance (Form)	Powder or Crystals	Crystals
Titration with NaOH	98.0 - 104.0 %	98.6 %
Water	10 - 18 %	15 %
1H NMR Spectrum	Conforms to Structure	Conforms
Metal Trace Analysis (ICP)	Corresponds to Requirements	Pass
Calcium (Ca)	≤ 50 mg/kg	< 50 mg/kg
Cadmium (Cd)	≤ 50 mg/kg	< 50 mg/kg
Cobalt (Co)	≤ 50 mg/kg	< 50 mg/kg
Copper (Cu)	≤ 50 mg/kg	< 50 mg/kg
Iron (Fe)	≤ 50 mg/kg	< 50 mg/kg
Potassium (K)	≤ 100 mg/kg	< 100 mg/kg
Sodium (Na)	≤ 100 mg/kg	< 100 mg/kg
Nickel (Ni)	≤ 50 mg/kg	< 50 mg/kg
Lead (Pb)	≤ 50 mg/kg	< 50 mg/kg
Zinc (Zn)	≤ 50 mg/kg	< 50 mg/kg
Chloride (Cl)	≤ 50 mg/kg	< 50 mg/kg

Dr. Reinhold Schwenninger  
Quality Assurance  
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

